

CLAIMS

1. A receiving apparatus comprising: a television receiving apparatus which has a primary display and can receive and monitor both of a broadcast and an Internet;
5 and a secondary display apparatus having a function for communicating with said television receiving apparatus, wherein,

in the case of receiving an analog broadcast, a reception video signal is displayed onto said primary display, and when the reception video signal is sent to said secondary display, it is digitally compression encoded and sent to said secondary display apparatus,

in the case of receiving a digital broadcast, the digitally compressed signal is decoded and displayed onto said primary display, and when it is sent to said secondary display, a decoded analog signal is encoded again and sent to said secondary display, and

in the case of Internet reception, the reception signal is not decoded in said television receiving apparatus but sent to said secondary display apparatus.

2. A receiving apparatus according to claim 1, wherein

double encryption, that is, encryption for transmission and reception and encryption for contents protection are executed to a contents signal which is transmitted to said secondary display from said television

receiving apparatus.

3. A receiving apparatus according to claim 1,
wherein

information associated with the broadcast which
5 is being received by said television receiving apparatus
is obtained,

a broadcast program is displayed on said primary
display, and said obtained associated information is sent
to said secondary display from said television receiving
10 apparatus and displayed on said secondary display.

4. A receiving apparatus according to claim 1,
wherein

display of television broadcast contents or
contents obtained through the Internet and display for a
15 commander to remote-control said television receiving
apparatus can be executed on said secondary display, and
a remote control signal is generated on the basis of said
display for the commander.

5. A receiving apparatus according to claim 4,
20 wherein

data for constructing a display screen of said
display for the commander can be downloaded through the
Internet.

6. A receiving apparatus according to claim 4,
25 wherein

data for constructing a display screen of said
display for the commander can be installed through a

recording medium.

7. A receiving apparatus according to claim 1,
wherein

display of television broadcast contents or
5 contents obtained through the Internet and display of a list
of contents which can be selected are executed on said
secondary display, and said display for a commander can be
performed.

8. A receiving apparatus according to claim 7,
10 wherein

data for constructing a display screen of said
display for the commander or the display of said list of
the contents which can be selected can be downloaded through
the Internet.

15 9. A receiving apparatus according to claim 7,
wherein

data for constructing a display screen of said
display for the commander or the display of said list of
the contents which can be selected can be installed through
20 a recording medium.

10. A receiving apparatus according to claim 1,
wherein

said television receiving apparatus has two or
more tuners and a controller for connecting station selecting
25 states of said tuners, and

the station selecting states of said two or more
tuners are controlled in response to a command generated

in said secondary display.

11. A receiving apparatus according to claim 1,
wherein

5 obtained Internet contents is transferred from
one of the primary display and the secondary display to the
other in response to a command generated in said secondary
display.

12. A receiving apparatus according to claim 1,
wherein

10 contents of a plurality of programs which are being
broadcasted are sequentially captured and a list of index
images of the captured programs is displayed onto said
secondary display by split display screens, and

15 the program in which the desired index image is
indicated on the displayed list of said index images is
selected on said television receiving apparatus side.

13. A receiving method comprising: a television
receiving apparatus which has a primary display and can
receive and monitor both of a broadcast and an Internet;
20 and a secondary display apparatus having a function for
communicating with said television receiving apparatus,
wherein,

in the case of receiving an analog broadcast, a
reception video signal is displayed onto said primary display,
25 and when the reception video signal is sent to said secondary
display, it is digitally compression encoded and sent to
said secondary display apparatus,

in the case of receiving a digital broadcast, the digitally compressed signal is decoded and displayed onto said primary display, and when it is sent to said secondary display, a decoded analog signal is encoded again and sent to said secondary display, and

in the case of Internet reception, the reception signal is not decoded in said television receiving apparatus but sent to said secondary display apparatus.

14. A transmitting/receiving apparatus for communicating with a television broadcast receiving apparatus which can receive and monitor both of a broadcast and an Internet, comprising:

display means which can perform a display for a commander for remote-controlling said television broadcast receiving apparatus; and

means for generating a remote control signal on the basis of the display for the commander displayed by said display means,

wherein a list of contents which can be selected by said television broadcast receiving apparatus is displayed by said display means.

15. A transmitting/receiving apparatus according to claim 14,

wherein information associated with the broadcast which is being received by said television broadcast receiving apparatus is obtained and said obtained associated information is displayed by said display means.